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2,330,737	3706
2,330,740	3693

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French cont'd.

2,330,741	3694
2,332,296	4187
2,332,308	4219
2,332,319	4203
2,332,749	4244
2,332,751	4249
2,332,805	4140
2,333,017	4178
2,333,021	4185
2,333,028	4209
2,333,029	4218
2,333,812	4156
2,333,816	4144
2,333,828	4207
2,333,835	4210
2,333,836	4211
2,334,416	4157
2,334,585	4245
2,334,673	4174
2,334,693	4141
2,334,694	4150
2,334,793	4177
2,334,714	4176
2,334,723	4212
2,334,745	4236
2,337,799	4262

German (East)

118,526	(27)
123,600	1668
123,755	820
124,945	814
124,994	703
125,124	1753
125,275	2391
125,408	1816
125,412	1825
125,544	1927
125,550	1849
125,582	1863
125,585	1919
125,595	1503
125,607	1839
125,668	1913
125,669	1527
125,679	1504
125,729	1508
125,753	1615
125,756	1765
125,771	1926
125,804	1828
125,846	1918

German (East) cont'd.

126,148	2292
126,307	3605
126,308	3606
126,309	3607
126,313	2973
126,383	2938
126,387	2894
126,555	3624
126,573	3644
126,600	3666
126,655	3623

German (West)

2,124,751	(4)
2,124,752	(3)
2,235,081	(13)
2,322,758	(9)
2,462,576	2975
2,462,583	3627
2,543,181	666
2,543,219	666
2,543,235	666
2,548,330	767
2,543,349-50	(42)
2,548,683	723
2,549,765	880
2,550,226	701
2,550,227	701
2,551,040	1428
2,551,282	1483
2,552,174	1859
2,552,319	858
2,552,511	1850
2,552,616	1808
2,552,867	1923
2,553,104	1818
2,553,179	1809
2,553,568	1856
2,554,252	2375
2,555,051	1823
2,555,837	1920
2,556,183	2392
2,556,670	1945
2,557,099	1904
2,557,652	1841
2,557,825	1869
2,557,826	2238
2,558,077	1969
2,558,475	1835
2,558,551	2418
2,558,591-92	1939
2,559,201	2333

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German (West) cont'd.	
2,559,717	2423
2,600,336	2293
2,601,082	2356
2,601,471	2206
2,602,644	2376
2,603,024	2470
2,603,834	2358
2,604,220	2372
2,604,799	2373
2,605,574	2368
2,605,608	2472
2,606,105	1900
2,606,211	2357
2,607,151	2359
2,607,296	1875
2,607,481	2431
2,607,832-33	2901
2,608,113	757
2,608,153	3495
2,608,863	2871
2,608,933	2871
2,609,923	3055
2,610,092	3766
2,611,117	4229
2,611,453	3741
2,611,545-46	3969
2,611,697	3707
2,611,768	4228
2,612,313	3727
2,612,642	3739
2,612,644	4050
2,612,669	4197
2,612,698	(40)
2,613,564	4255
2,613,644	4179
2,614,201	4224
2,614,585	4246
2,614,982	4192
2,615,287	3884
2,619,382	(36)
2,621,311	(37)
2,623,835	2408
2,630,175	2566
2,633,959	3263
2,634,042	1880
2,635,541	2189
2,637,202	1448
2,637,581	1453
2,639,573	2374
2,640,063	1449
2,641,002	2479
2,642,270-71	95
2,642,416	1450

German (West) cont'd.	
2,642,416	1450
2,643,143	1819
2,644,440	685
2,645,530	693
2,646,455	604
2,646,581	32
2,646,624	732
2,646,733	1959
2,648,297	1551
2,648,354	824
2,648,831	1420
2,648,946	674
2,648,971	1222
2,649,163	1865
2,649,544	752
2,649,740	2382
2,649,750	897
2,650,580	785
2,651,074	712
2,651,367	1405
2,651,448	1418
2,652,040	695
2,652,216	857
2,652,381	1308
2,653,084	1447
2,653,130	1807
2,653,183	1905
2,653,188	1910
2,653,286	1442
2,653,379	1810
2,653,717	1899
2,653,596-97	1833
2,654,647	1914
2,654,840	1867
2,654,940	1804
2,655,130	1907
2,655,162	1867
2,655,278	1832
2,655,884	1848
2,655,889	1842
2,656,231	1815
2,656,252	2061
2,656,345	2366
2,656,600	2365
2,656,711	1949
2,656,744	1950
2,656,749	2426
2,656,909	1851
2,657,236	1851
2,657,334	1874
2,657,375	1830
2,657,412-13	1860
2,657,553	1803

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German (West) cont'd.

2,658,181	1936
2,658,271	1873
2,658,848	2337
2,659,166	1834
2,659,211	2383
1,659,780	2434
2,659,799	2417
2,700,034	1940
2,700,048	2329
2,700,454	2285
2,700,804	2154
2,700,851	1946
2,701,146	2834
2,701,262	2030
1,701,266	1948
2,701,405	2416
2,701,647	2272
2,702,107	2325
2,702,185	2323
2,702,227	2787
2,702,294	2324
2,702,363	2327
2,702,779	2804
2,702,919	2786
2,702,931	2716
2,703,340	2301
2,703,593	2743
2,703,604	2286
2,703,633	2788
2,703,640	2848
2,703,829	2338
2,703,873	2371
2,704,364	2369
2,704,691	2981
2,704,763	2305
2,706,842	3268
2,707,071	2378
2,707,830	2880
2,707,832	2952
2,707,849	2977
2,707,934	3017
2,707,982	3034
2,708,010	2895
2,708,048	3053
2,708,647	2872
2,709,020	2974
2,709,137	3328
2,709,535	2876
2,709,857	2899
2,709,861	2899
2,710,279	3379
2,710,469	3731
2,710,726	3044

German (West) cont'd.

2,710,805	3143
2,710,815	2967
2,710,901	2968
2,711,094	4243
2,711,203	3757
2,711,300	3630
2,711,915	3644
2,712,530	3798
2,713,472	3768
2,713,585	3732
2,713,679	3667
2,713,877	3634
2,713,897	4136
2,713,939	3635
2,714,128	4250
2,715,069	3736
2,715,685	3984
2,719,938	4263

Netherlands

75.13232	735
75.13698	1808
75.14802	2238
75.14803	1869
75.15044	699
76.00729	1823
76.03142	3780
76.03804	4208
76.04022	(40)
76.04475	(36)
76.04584	(35)
76.05147	(37)
76.09974-75	(42)
76.11164	807
76.11204	796
76.11268	693
76.11358	733
76.11366	604
76.11424	95
76.11426	95
76.11475	778
76.11490	728
76.11518	506
76.11581	674
76.11750	816
76.11841	681
76.11933	2382
76.12012	722
76.12116	897
76.12252	853
76.12272	713
76.12329	702
76.12330	702

PATENT NO. INDEX cont'd.

Netherlands cont'd.

76.12437	1852
76.12466	1405
76.12569	729
76.12593	695
76.12669	1807
76.12718	1859
76.12832	1970
76.12965	1762
76.12983	1809
76.13024	1910
76.13081	1909
76.13083	1810
76.13148-50	1833
76.13182	2400
76.13207	1491
76.13433	1804
76.13530	1866
76.13610	1832
76.13649	2392
76.13708	1817
76.13712	1907
76.13714	2185
76.13801	1843
76.13807	1824
76.13855	1830
76.13974	1831
76.14045	1951
76.14062	2002
76.14073	1860
76.14152	1872
76.14214	1921
76.14254	1812
76.14379	1857
76.14406	1858
76.14484	1834
76.14531	2317
77.00174	2273
77.00191	2285
77.00261	2030
77.00314	2237
77.00351	1962
77.00423	2743
77.00481	2272
77.00499	2323
77.00669	2324
77.00687	2274
77.00851	2471
77.00932	2848
77.01003	2338
77.01005	2286
77.01019	2276
77.01476	2305
77.01536	3075

Netherlands cont'd.

77.01671	3268
77.01674	3402
77.01909	3017
77.01954	2895
77.02031	2872
77.02055	3106
77.02172	3104
77.02174	2886
77.02345	3143
77.02387	2930
77.02485-92	2899
77.02550	3067
77.02556	3379
77.02705	3076
77.02710	4232
77.02757	3054
77.02848	4229
77.02858	4228
77.03009	3712
77.03042	3827
77.03084	3668
77.03085	3732
77.03108	3798
77.03378	4162
77.03396	4161
77.03468	4255
77.03475	4250
77.03498	4175
77.03556	4151
77.03666	3736
77.03723	3981
77.03738	4192
77.03750	4152

Russian

316,333	1911
325,848	1868
410,629	2493
422,255	2903
456,450	2724
480,723	2970
494,399	2352
494,871	2332
499,288	540
504,822	2353
509,208	2311
509,604	719
509,609	748
509,635	780
513,987	2315
514,805	13
514,826	2415
515,747	639

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Russian cont'd.

515,753	724
517,318	2310
517,319	2521
517,575	609
517,596	687
518,138	787
518,199	1480
518,492	1273
518,512	1419
519,445	1393
519,446	1427
520,125	1139
520,127	1391
520,354	1374
520,365	1479
520,366	1351
520,374	1414
520,381	1485
520,382	1429
520,386	830
520,906	1484
521,246	902
521,258	2815
521,259	2759
521,278	844
521,285	1439
521,287	1396
521,926	1617
522,164	1530
522,185	2455
522,803	1877
523,098	2502
523,099	2839
523,116	2904
523,118	2927
523,708	2905
523,886	2906
523,888	2677
523,889	2840
523,913	2986
523,928	2999
524,801	2487
524,806	3245
524,831	2440
525,675	2758
525,701	2550
526,611	2488
526,624	2918
526,625	2917
526,629	2512
528,307	2908
528,318	2950
528,879	2841

Russian cont'd.

528,945	2632
529,173	2909
529,195	2972
529,807	3141
530,021	3050
530,024	3072
530,078	3523
531,813	2910
533,582	3450
533,588	3524
533,595	3275
533,613	2949
534,244	3396
534,471	2922
534,480	2978
535,266	2911
535,304	3588
535,330	2948
535,959	3449
536,163	3073
536,169	3113
538,002	2912
538,008	2923
539,021	3100
539,046	3681
539,893	3586
539,894	3252
539,922	3684
542,755	3703
544,653	3146
544,660	3636
545,376	3649
545,638	3742
546,602	3916
549,458	3799
550,383	3772
550,414	3702

Swiss

585,670	622
585,683	44
585,760	31
585,762	56
585,769	720
586,177	06
586,255	730
586,713	15
587,242	45
587,255	795
587,291	694
587,606	818
587,658	804
588,436	1492

PATENT NO. INDEX cont'd.

Swiss cont'd.

588,500	1922
588,505	1915
588,866	1906
588,890	1667
588,980	1855
589,011	1887
589,022	1715
589,030	1493
589,072	1775
589,101	2287
589,106	1802
589,571	2112
589,587	2068
589,605	2122
590,603	2429
590,222	2671
590,224	2494
590,225	2810
590,264	2833
590,342	2714
590,811	3540
590,880	3509
590,882	3010
591,422	3123
591,426	3024
591,473	3608
591,498	4047
591,506	4104
591,507	3730
591,508	3663
591,526	4005
592,032	4167
592,599	3737
592,640	3888

United States

T962,007	3620
3,683,066	(2)
3,782,226	(6)
3,851,044	(18)
3,862,299	(5)
3,863,004	(7)
3,873,680	(16)
3,928,552	(24)
3,939,258	(14)
3,974,268	(38)
3,976,762	(30)
3,983,227	(23)
3,987,157	(32)
3,989,730	(12)
3,999,173	(29)
4,013,430	179
4,013,529-30	641

Swiss cont'd.

4,013,583-84	359
4,014,655	104
4,013,697	08
4,013,723	99
4,013,725	448
4,013,730	640
4,014,390	18
4,014,911-12	100
4,014,919	38
4,015,980	543
4,016,194	367
4,016,200	368
4,016,214	09
4,016,240	(18)
4,016,272	511
4,016,297	802
4,016,301	802
5,017,525	672
4,017,527	62
4,017,550	411
4,017,552	305
4,017,553	691
4,017,595	(39)
4,017,595	805
4,017,596	(33)
4,017,596	806
4,018,508	1059
4,018,604	1223
4,018,610	1379
4,018,672	886
4,018,700	772
4,018,705	762
4,018,734	755
4,018,805	854
4,018,807	1095
4,018,808	739
4,018,809	1370
4,018,827	867
4,018,867	898
4,018,907	800
4,018,934	801
4,019,970	937
4,020,007	707
4,020,008	706
4,020,017	775
4,020,018	717
4,020,031	774
4,020,092	670
4,020,102	852
4,020,103	798
4,020,108	1096
4,020,115	714
4,020,121	690

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United States cont'd.

4,020,150	808
4,020,251	705
4,020,254	675
4,020,255	703
4,020,257	667
4,020,269	1343
4,021,198	1104
4,021,249	1292
4,021,250	1291
4,021,314	1166
4,021,392	773
4,021,407	726
4,021,412	721
4,021,419	783
4,021,420	822
4,021,453	1328
4,021,569	812
4,022,617	1725
4,022,632	1697
4,022,711-12	1454
4,022,719	1410
4,022,751	1424
4,022,806	1477
4,022,807	1562
4,022,808	1526
4,022,816	1777
4,022,877	(41)
4,022,877	1466
4,022,958	1394
4,023,986	1458
4,024,073	1476
4,024,084	1525
4,024,107	1411
4,024,130	1472
4,024,154	2379
4,024,169	1551
4,024,170	1524
4,024,193	1679
4,024,202	1392
4,024,205	1421
4,024,233	(10)
4,024,233	1470
4,025,458	1782
4,025,490	1437
4,025,525	1469
4,025,528	1475
4,025,541	1613
4,025,547	1659
4,025,570	1404
4,025,574	1721
4,025,708	1390
4,026,664	1455
4,026,830	1440

United States cont'd.

4,026,831	1438
4,026,835	1441
4,026,836-37	1443
4,026,852	1426
4,026,866	1422
4,026,870	1412
4,026,908	1731
4,026,912	1460
4,026,934	1478
4,026,947	1628
4,026,950	1787
4,026,957	1732
4,027,005	(28)
4,027,005	1471
4,027,084	1436
4,027,087	1389
4,027,088	1395
4,027,089	1387
4,028,065	1897
4,028,085	2368
4,028,116	1881
4,028,259	1901
4,028,269	1888
4,028,272	1837
4,028,281	1882
4,028,284	1870
4,028,337	1853
4,028,338	1844
4,028,389	1916
4,028,346	2248
4,028,368	1953
4,028,372	2163
4,028,412	2186
4,028,435	1814
4,028,480	1861
4,028,482	1847
4,028,485	1968
4,028,813	1501
4,029,530	1898
4,029,618	2331
4,029,645	2211
4,029,682	2399
4,029,683	2174
4,029,684	2343
4,029,690	2173
4,029,864	2294
4,029,865	2318
4,029,866	2300
4,030,907	2433
4,031,002	2247
4,031,043	2360
4,031,129	1934
4,031,143	1966

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4,031,144	2059
4,031,150	2308
4,031,198	(16)
4,031,198	2414
4,031,298	2264
4,032,298	1961
4,032,339	2384
4,032,413	2385
4,032,462	2403
4,032,468	2363
4,032,481	2355
4,032,553	2283
4,032,555	1933
4,032,568	1937
4,032,569	2069
4,032,578	1938
4,032,582	2277
4,032,590	2268
4,032,592	2290
4,032,625	(12A)
4,032,625	2413
4,032,673	2397
4,032,703	2284
4,033,765	2744
4,033,900	2303
4,033,915	2340
4,033,930	2336
4,033,976	2401
4,034,004	2673
4,034,037	2428
4,035,113-14	2971
4,035,309	2717
4,035,325	2342
4,035,338	2344
4,035,360	2422
4,035,383	4216
4,035,400	2469
4,035,416	2473
4,035,444	2302
4,035,489	2425
4,035,560	2275
4,035,561	2263
4,035,570	2307
4,036,170	2801
4,036,241	2800
4,036,605	2996
4,036,650	2785
4,036,764	2474
4,036,796	2987
4,036,810	2942
4,036,811	2941
4,036,812	2945
4,036,835	2461

United States cont'd.	
4,036,858	2492
4,036,866	2842
4,036,867	2902
4,036,886	2445
4,036,908	2989
4,036,958	3037
4,036,963	3035
4,036,983	3029
4,037,004	2992
4,037,016	2878
4,037,041	2893
4,038,033	3006
4,038,083	2784
4,038,088	2965
4,038,208	2679
4,038,249	2937
4,038,259-61	2928
4,038,298	2644
4,038,300	2957
4,038,301	2995
4,038,315	2481
4,038,375-77	2962
4,038,413	3028
4,038,471	2879
4,038,472	2964
4,038,474	2929
4,039,334	2789
4,039,472	2897
4,039,491	3107
4,039,509	2940
4,039,510	2926
4,039,511	2925
4,039,537	3036
4,039,538	2939
4,039,566	2931
4,039,576	2523
4,039,593	2958
4,039,612	3269
4,039,633	2960
4,039,636	2923
4,039,655	3026
4,039,681	3025
4,039,733	2969
4,040,834	3270
4,040,837	3271
4,040,838	3229
4,041,060	3562
4,041,082	3401
4,041,098	2900
4,041,145	3005
4,041,154	3027
4,041,176	2994
4,041,224	2875

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thiazolyl benzimidazole 3775
thiophosphate 466
trityl 4170
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acetylacetonate 2189,2996,3180
alizarine viridine 3809
alkoxy 3687
dialkylaminobenzyl 4139
dialkylaminomethylphenyl 4139
aminobenzoic acid 1975

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anthraquinone dye 3809
carboxylate 1697
cyclooctatetraenyl 75
ethyl 75
diethylaminopropyl diphenylacetate 2161
diethylenetriamine pentaacetate 1542
triethyl phosphate 904
glutamate 67
heliotrope 3809
hexanedionate 2996
hydroxynaphthoic acid 1099
hydroxyquinoline sulphonic acid 3123
isopropoxy 75
diketonate 3124
dimethyl methylphosphonate 70
naphthoquinone 2503
nitrobenzene 905
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octanedionate 2996
octoate 4009
pentanedionate 3124
phenylacetate 910
diphenylpropanedionate 3124
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polyol borate 1859
sorbitol borate 4187
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acetic acid 2534
acetylacetonate 440,979,1221,1615 2256,2270,2387,2703,2732,2876,2980 3619,4136
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polyaldehydocarboxylate 2157
alkanoate 1437
alkenyl 927
alkoxy 474,1240,3634
dialkylaminobenzyl 4139
dialkylaminomethylphenyl 4139
alkylarylamine 3208
alkyliminodiacetate 3844
allyl 3170
polyamide resin 2961
amine 979,2616,3834
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aminobutyric acid 117
aminopropanol 966
ammonium, alkyl 121
anthranilate 1525
arene 981
arsine 957,959,2153,2525,2562
arsonium methylylide 126
aryl 1006,3840
aryl arsonic acid 1556
aryl cyclopentadienyl 130
aryl formamidine 2015
aryl isocyanide 109
ascorbic acid 720
asparagine 3167
aspartic acid 3167
tetraazacyclotetradeca-tetraenate 969
diazahexane 3845
diazine 3166
diazoboroline 977
azo dye 765,769,1885,2366-67,2368 2369-70,2373,2991,3708,4218-19
azomethine dye 3707,4224
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benzene carboxylate 980
benzil 2725
benzoate 116
benzophenone 3843
benzoyl pyridine 1698
benzyl 2529,3840
bismuthine 1568
borothiin 1566
bromopentanedionate 2532
butoxy 2263,2875
butyl 670,2876
butylamine 970
butyl isocyanide 2011
butyl malonic acid 1749
carbene 125, 1567,2024,2529, 3171
carboxylate 1047,2984
carbyne 971,2008,2553
chloroacetate 1571
chloroacetic acid 3155
dichlorotriethylenetetramine 968
chromocene 3151,3635,3841,4162
citrate 4264
cyano-2-oxopropane phosphonate 1630
cyclic azo compound 3166
cycloheptatriene 107
cyclohexylamine 970
cycloolefin 107
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cyclopentadienyl polystyrene 3837
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DMF 119
EDTA 975
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ethoxycarbene 2011
ethoxycarbonylmethane phosphonate 1630
ethylbenzene 2009
ethylene 2874
ethylenediamine 113,115,979,1085 2013,2527,2616
diethylenetriamine 2527
fluorenone 3843
fluorenyl 1834
trifluorotoluidine 1458
fulvene 956
furyl 2529
polygalacturonate 4250
glutamic acid 1685,3167
glutamine 3167
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haloalkylarylamine 1458
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dihydroxy diphenyl sulphone 1253
hydroxyquinolate 1425
imidazole 114
iminodiacetate 3844
indenyl 1834
isoleucine 117
ketoanil 463
diketonate 979,2256
trilaurylamine 118
leucine 117,2007
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mesitylene 107
methionine 114
methoxy 2532,4042
methoxy diphenylindene 3847
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methyl 116,670
methylamine 2527
methylaniline 970
trimethyl benzene 4076
methyl benzoate 974
methyl cyclopentadienyl 959
methyl cysteine 114
trimethylenediamine 2012
methylene halide 108
hexamethyleneimine 970
dimethyl formamide 122
methyl malonic acid 1749
methylpiperidine 3836
methyl silane 2221
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dimethylsulphonium 3849
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morpholine 970
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norbornadiene 959
norleucine 117
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oleate 1615
oligoester acrylate 3672
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organosilyl 3164
ornithine 3167
orthophosphate 2868
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oxocyclohexadienyl 3170
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phenanthroline 110,119,976,1570 3846
phenazine oxide 2720
phenyl 670,983,2873,3840
biphenyl 2528
triphenyl borothiin 1566
phenyl carbyne 2530
phenylethoxycarbene 983
diphosphane 978
phosphide 2526
phosphinate 1569
phosphine 120,123,957,959,961-62 981,2561,3159-61,3162-63
phosphite 981,2530,2732
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phosphorane ylide 2725
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pinacol 2263
piperidine 970,2014
polymer 1569,1994,3672
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propylene 2874
pyrazole oxide 2721
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tetrapyridino-porphyrazine 1694
bipyridyl 110,967
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schiff base 221,2159
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silahydrocarbyl 2877
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silyloxy 2876,3634,4161
stannyl 4161
stannyloxy 3634
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stearoyl anthranilate 1525
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thioacetone 976
dithioarsenate 4000
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thiocarbazide 3458
thioketonate 958
thiourea 3835
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titanoxy 3634,4161
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toluidine 1265
urea 979
valine 117,2007
vinylcyclopentadienyl 3168

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2069,2952,3916,4176
acetatopentaamine 1068
acetoacetanilide 2080,3304
acetone 238,1088,1632
acetone nicotinoyl hydrazone 1256
acetone picolinoyl hydrazone 2147
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acetylacetate 3684
acetylacetonate 240,261,275,400,1084
1221,1424,1615,2048,2080,2155,2268
2298,2309,2343,2387,2703,2714,2732
2733,2938,2980,2989,3304-5,3657-58
3689,3915,4196
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diacetyl monoxime 273
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adenosine 1243
adenosine monophosphate 2626
alanine 241-42,2070
alanylglycine 1078
polyaldehydocarboxylate 2157
alkanediamine 3287
alkanoate 1437
alkanol 1192
alkoxy 474,1240,3687
alkylamine 2593
alkyl ammonium 1236
trialkyl pyrazole 2081
alkylpyridine 3684
allyl bromide 2632
allyloxyaminopropylidene dioxane-
dionate 1924-25
amidopyrine 2152
amine 278,1230,2616,3291
diamine 1071,1084,1884,2078
amine phenyl dinitromethane 1235
diamine salicylate 2618
aminoacetonitrile 2607
aminoacid 1086,1908
aminoalcohol 3903
aminoalkoxy 2727
aminoaniline 2083
aminobenzthiazole 3444
aminobutanoate 3255
aminobutanol 1910
aminobutyric acid 1060
aminocaprolactam 3329
aminocarboxylate 1454
aminochlorophenylbenzylidene ethane
225
aminocarboxylic acid 1693
aminodiazaoctanate 249
diaminodipropylamine 2078
aminodithiaoctane 1066
aminoethylthioacetate 3288
aminoisobutyl glycerine 2073
aminoisobutyrate 3909
aminoisopropanol 3903
aminoketone 1071
aminokeophosphonate 315
aminomethylethane triacetate 4006
aminomethylpyridine 278,2599
aminophenol 2624,3307
aminophosphine 3272
aminopiperidine 4180
aminopolycarboxylate 2718
tris(aminopropylaminomethyl)ethane
2604
aminopyrimidine 1252
aminopyrazine 1252
aminosulphonic acid 1693
triaminotriethylamine 258
anil hydrazone 3899
aniline 1087
anthracyclinglucoside 2416
arsenic heterocycle 2590
arsine 1337,2153,2562,2611,3459
arsonium 3905
aryl arsonic acid 1556
arylthienohydroxamic acid 1241

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aryl thiourea 3919
ascorbic acid 720
aspartic acid 241
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azabicyclooctane sebacate 4181
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triazacyclononylethane 468
azapentanediamine 1627
azatridecane 218,227,230
triazatridecadiene 1090
triazatridecane 1622
azelaic acid 4003
azetidine carboxylic acid 312
azobenzene 3443
azocyclotetradecane 223
azo dye 764,769,2367-68,2372,4219
triazole 1239
azomethine dye 767,1893,2389,3707
benzal-o-aminoaniline p-toluene sulphonate 2083
benzene carboxylate 980
benzimidazole 1626
benzidine 3309
benzimidazole 3269
benzimidazolylethane 1251
benzoate 1908
benzoic acid 265
benzonitrile 238
benzoylacetonate 469
benzoylacetylfuranate 469
benzoyl dialkyl thiourea 3452
dibenzoylmethanate 469
benzoyl phenylhydroxylamine 2080
benzoyl pyridine 1631,1698
benzoyl selenourea 3452
benzylamine 1087
benzyldioxime 2072
benzyl pyridine 3922
butanediamine 449
butylamine 1087,2322-24
butylimidazole 2726
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caprolactam 1967
caprylglycinate 2423
carbamate 4259
carbollyl 255
carbonylamide 1967
carborane 3295-96
carboxyacetylene carboxylate 2621
carboxylate 729,1697,2984
carboxymethyl hydroxybenzyl asparagic acid 3724
citrate 4264
citric acid 3271
cobalticinium ion 3905
cobaltocene 1682,1916
cyano-2-oxopropane phosphonate 1630
cyanopyridine 1252
cyclic diimine 3259
cyclobutadiene 2614,3273
cyclohexylamine 258
cyclooctadiene 238,403
bicyclooctane 2606
cyclopentadienyl 255,271,403,1083 1247,2388,2506,2597,2635,2919, 3264,3272-73,3274,3453,3907,3917
cysteine 262
decoate 3689
DMF 1088
DMSO 245,1632,3265
EDTA 202,1104,1454,2617,2718,3253 3271,3758,3913,4010
ethanolamine 1087,1910
monoethanolamine 621
diethanolamine 1409
ethoxycarbonyl methane phosphonate 1630
ethyl 3281
ethylacetoacetate 1880,3304
ethylamine 1062
diethyl benzoyl phosphonate 2149
ethylene 3270
ethylenediamine 222,248,257-58,260 263-64,266-67,1064-65,1068,1072, 1082,1085,1087,1089,1091,1623, 1626,2598,2600-1,2607,2616-17, 2619,2622,2632,3255,3278-79,3282 3290
ethylenediamine cysteine sulphonamide 231
ethylenediamine-N,N'-disuccinic acid 3294
ethylenediamine triacetic acid 3923
ethylenediammonium 3260
triethylenetetramine 3906
diethylenetriamine 3276,3900
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ethyl fumarate 252
ethyl glyoxime 1088
ethylhexoate 1878,2325
ethylmethyl ketone 1632
diethyl methyl pyrazole 2082
ethylmethyl sulphoxide 1632
ethyl nicotinate 1252
ethylpyridine dicarboxylate 254
ethylsulphinylethane 458
formate 1064
formazan 3284
formyl 3264
formyl hydrazine 1255,2162,4002
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germyl 3297
glutamic acid 1685
glutaric acid 4003
glycinate 1627
diglycinate 3909
glycine 241-42,1062,2070,2404,3913
glycine bis(methylphosphoric acid) 1228
glycylglycine 1078
glycyl-L-serine 1078
glyoximate 1620,2072
guanylpyrazole 1686
hæmatoporphyrin 276
haemoglobin 3713
heterocyclic amine 2938
histidine 1081,2071,3877,3904
hydroquinone 1454-55
hydroxamic acid 4015
hydroxy-3-aminophenyl sulphone 2624
hydroxybenzophenone 2343
hydroxybenzylidene iminobenzene sulphonic acid 4019
dihydroxy diphenyl sulphone 1253
hydroxyiminoketone 259
hydroxynaphthaldehyde 2080
hydroxynaphthoic acid 1099
hydroxy-1-naphthylidene-2,4-dimethyl aniline 3448
hydroxyphenylpropane 2624
hydroxypropylamine 1087
hydroxyquinoline 250,457,806
imidazole 266,454,2070,2719
iminoacyl 3437
iminodiacetate 242,488,806
iminoisoindolinone 314,3706
inosine 1243
isoindoline 2163
isoleucine 241,1060
isonicotinic hydrazide 1229
isonicotinyl phenyl thiosemicarbazide 2158
isononanoate 1878
isopropoxy 708
isoquinoline 3922
isooxazole 1098
ketoanil 463
diketoiimine 237
diketonate 1230,2722,4004
ketone 1632
lactam 1967
leucine 241
linoleate 777
macrocycle 1624,2594,3258,3261,3300
maleonitrile 220
malonate 249,3921
malonic oxime 3920
mercaptoacetanilide 1097
mercaptoaldimine 1690
mercaptobenzoxazole 1237
mercaptobenzthiazole 1101
mercaptodiketone 451
mercaptoethylamine 4008
mercaptohistamine 2148
mercaptoquinolate 1684
mercaptosuccinic acid 1226
dimercapto triazole 4018
mercapto triazolyl propane 1257
metallocene 1682,1916
methanol 238
methine dyes 3705
methionate 3288
methionine 241
methyl 2543,2828,3281,3297
dimethylacetate imidazole 2628
methylamine 1087,1623
methylaminofluorophosphine 2074
dimethylaminopyridine 2609
dimethylaniline 1880
methylbenzylamine 3266
dimethyl bipyridine 258
dimethylbutyraldoxime-N-methylcarbamate 814
methyldiethylenetriamine 3276
trimethylenediamine 1084,2604,3290
tetramethylenediamine 3290
hexamethylenetetramine 1621
dimethyl glyoxime 1063,1096,2613 2625,3266,3901
methylhexenedionate 4168
methylidyne 1619,2595
methyliminodi(ethylamine) 3276
methyl isoxazole 1242
dimethyloxadiazole 1696
methyl phenanthroline 1061
methylpiperidine 3836
methylpyrazole 310
methyl pyridine 3922
methylsulphinyl propane 458
dimethyl thioacetamide 3455
methyl thiosemicarbazide 3301
dimethylurea 3310
methyl violurate 464
morpholine 3303
myristate 1073
naphthenate 757,1429,1452,1615,1618 1878,2151,2623,2964,2988-89,3275
naphthyl 2828
naphthyl silyl 1074
neodecanoate 2964
nicotinamide 1103,1252

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nitrilotriacetic acid 2728
nitrilotrimethyl phosphoric acid 1228
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nitrobenzoate 239
nitrosocyclohexyl hydroxylamine 4258
norbornene 238
norleucine 1060
norvaline 1060
NTA 3271
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nucleoside triphosphate 4017
octadecenylamine 3302
octoate 1615,2298,2309,2318-19,2987 2988-89,3689,4009
oleate 1615
olefin 2076
oleylamine 3302
oligoester 3672
organophosphite 4265
oxalate 249,1691
oxamic acid 863
oxazoline 2717
oxime 1088
dioxime diimine 2077
palmitate 1073
palmitoyl callagenate 2423
PAN 3284
pentanediamine 2075
pentanedionate 1080,3282
peptide 3904
dipeptide 1078
peroxymaleate 2316
phenanthrenethiocyanate 1095
phenanthroline 226,1061,1065,1084 1235,2612,3262
phenazine oxide 2720
phenoxyazodiektonate 3304
phenyl 2828
phenylalanine 241,1627
phenylamine 1063
diphenylethylenediamine 1069
diphenyl ethyne 2611
phenylmalonic dialdehyde dianil 319
diphenylpropanediamine 3293
diphenyl-1,3-propanediamine 3289
phenylstibonic acid 3918
phosphinate 3460,4191
phosphine 219,232,243-44,269-70,411 620,1076,1190,1337,1436,1617,1624, 1628,1674,2051,2129,2155,2561,2563 2592,2602,2611,2613,2634,2687,3274 3283,3305,3379,3402,3453,3903,3907
phosphine oxide 232,3908
phosphinopolymer 3680
phosphite 1083,1674,2635,2732
phosphonate 2597
phosphonium 3905
diphosphorous complex 4007
phthalocyanine 758-62,1145,1888 1894-95,2376,2973-74,2978-79,3697 4212-14,4217
picolinic acid 2080
piperazinium complex 2603
piperidine carboxylate 725,3656 4182
polymer 745,1436,1866-67,3263,3672 4168,4195-96
polycl borate 1859
polyvinyl pyridine 3263
porphyrin 276,745,760,1079,2605 2733,3713,3904
porphyrine 246
proline 242
propanediamine 1082,2078
propargyl (meth)acrylate 1231
propionamide 1233
propylenediamine 251,264,1084
propyl pyridine 3922
purpurate 3257
pyrazine carboxylate 2620
pyrazine dicarboxamide 1252
tetrapyrazine porphyrazine 3446
pyrazole 310
pyrazole acetic acid 1687
pyrazole oxide 2721
pyridinate 1102
pyridine 254,256,259,274,278,1063 1087,1096,2610,2632,3278,3684,3922
bipyridine 264,1084,1235
terpyridine 2636
pyridine(aldiminomethyl)ethane 1625
pyridine aldoxime 1614
pyridine carboxaldehyde 2631
pyridine chlorosulphate 3926
tetrapyridino porphyrazin 2975
tetrapyridino porphyrazine 1694
bipyridyl 1243,3281,4015
pyridylazo phenanthrol 1246
pyridyl ethylamine 3911
pyridyl pyrazole 2633
pyrimidine carboxylate 3277
pyrimidine thionate 3914
pyrimidinone 1232
pyrocatechol 1455
pyrrolidine 3256
pyrrolidine thiotrione 3927
quaterene 2729
quaternary ammonium compound 2591
quinoline 265,4004
quinoline carboxylic acid 3035

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salicylaldehyde 2080
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semicarbazide 1088
serine 241-42,1086,2070
silyl 1074,2595,3297
soap 1073
sorbitol borate 4187
spartein 268
stearate 757,1073,1615-16,2342,3687 3916
stibonium 3905
succinate 3921
sulphinyl alkane 458
sulphoamidoquinoline 2716
sulphophthalocyanine 758,761
sulphoxide 1632
TAN 247
tartrate 729,1072
thenoylacetonate 469
thenoylacetylfuranate 469
theophylline 2152
dithiocarbamate 754,1223,1699,2731 3279
thiocarbamido methyl pyrazolone 471
dithiocarbonyl hydrazine 1919
thiodye 3952
thioether 3254
thionaphthalene 3306
thioxalate 2612
thiopyruvate 1227
thiosalicylic amide 2084
thiosalicylideneimine 3298
thiosemicarbazide 1088,3901,4020
thiosemicarbazone 2000
thiourea 1088
thiuram disulphide 311
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threonine 241,1086
tolan 2611
toluenediamine 1455,1884
toluene sulphonamide 1234
toluene sulphonato pyridinate 2615
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tropolone 2080
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urea 1075,1088,1967,3310
valine 241,1060,2070
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xylyl isocyanide 3280

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acetate 472,1908,1911,2184,3659
acetic-o-chloroanilide 818
acetoacenaphthylidene-o-aminophenol 3357
acetoacetanilide 3304
acetone 2165,2766
acetone nicotinoyl hydrazone 1256
acetone picolinoyl hydrazone 2147
acetonitrile 2183,4029
acetophenone 3489
acetoxyolefin 3502
acetylacetonate 494,506,785,1424 1957,2703,3102,3476,3489,3657-58, 3964,4032,4039
acetylacetone 3304
acetyl alaninate 4026
acetyl ethylidene tetramic acid 1468
adenosine 1243
adenosine triphosphate 4034
adipic acid 2171
alanine 1283,2085
alanylalanine 1704
alanylglycine 1704
polyaldehydocarboxylate 2157
alkanoate 1437
alkanolamine 1481
alkenyl 3451
alkyl 484,515,1714,2734,2736,3505
alkyl ammonium 1236
alkyleneamine 3733
alkyl glycine 1283
dialkyl phosphate 1721
trialkyl pyrazole 2081
allyloxy 484
allyloxyaminopropylidene-dioxane-dionate 1924-25
amidopyrine 2152
amine 487,712-13,1230,1845,2924
diamine 1884
polyamine 2350
amine oxide 2169
amine phenyl dinitromethane 1235
amino acid 1707,1908
aminoalkoxy 2727
aminoaniline 2083
aminobenzthiazole 3444
diaminobutane-dimalonic acid 2175
diaminobutane-disuccinic acid 2175
aminobutanol 1910
aminobutyrate 1693,1707
aminocarboxylic 1454,1693,3503,4039
aminoethanoxy 1709
aminoindazole 3480
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(aminomethyl)ethane triacetate 4006
aminophenol 3307
diaminopropane 2172
aminosalicylic acid 2156
aminosulphonic acid 1693
dianil 1268
aniline 2181
anthracyclinglucoside 2416
anthraquinol 2744
arginine 3503
arsine 3377
arsine oxide 2169
aryl 2734,2736,2768,3231,3490
aryl arsonic acid 1556
arylthieno-hydroxamic acid 1241
arsocbic acid 720,3486
asparginate 1707
asparagine 309,500
aspartic acid 3503
aspartic acid diamine 309
diazabicyclooctonium ion 2645
triazacyclodecane 1284
tetraazacyclododecane 3442
azacyclododecanyl methylbenzene 2179
tetraazacyclotetradecane 1705
diazanonene-diolate 1702
diazaoctanediamine 501
azathiaoctane 2769
diazaundecene-diolate 3485
azalaic acid 4003
azetidine carboxylic acid 312
triazine 489,2751
azobenzene 3443
azo dye 766,769,2367,2991,4219
triazole 1239
azomethine dye 770-71,1893,2389,3705
3707
benzaldehyde 2165
benzal-o-aminoaniline p-toluene
sulphonate 2083
benzene 2745
benzhydroxamic acid 1248,3456
benzimidazole 3476
benzimidazolyl ethane 1251
benzoate 499,501,1720,1908
benzothiazole 2774
benzoxazole 2774
benzoylacetonate 469,2970,3925
benzoylacetylfuranate 469
benzoyl dialkyl thiourea 3452
dibenzoylmethanate 469,3925
benzoyl pyridine 1698
benzoyl selenourea 3452
benzylamidothiosemicarbazide 1706
benzyldithiocatbazate 3924
benzyl glycine 1283
benzylidene picramate 2188
benzyl proline 2164
bismuth thiol 11,4049
biuret 1161
butane carboxylic acid 478
butanediamine 449
butanone oxime 2748
butyl 1714,2734,2736,3466,3505
butylamine 1845,2322-24,2924,2926
4035
dibutylamine 1411
butylethynyl diethoxypropene 1277
butylimidazole 2726
butyl isocyanide 2757
dibutyryl methane 2767
caprate 4243
dicaproylmethane 2767
caprylglycinate 2423
carboxylate 3449
carboxymethyl hydroxybenzyl
asparagic acid 3724
carboxymethyl(pyridyl) alanine 313
cerbane 3468
chloroacetate 2167,2169
cinnamic acid 2187,3529
citrate 4264
citric acid 493,1719,2738,3271
collidine 2773
crown ether 1275
dicyano dithioethylene 2775
cyclobutane acid 3473
cyclohexanone monoxime 2165
cyclohexene 2745
cyclopentadienyl 3231,3453
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mercaptobenzthiazole 1101
mercaptodiketone 451
mercaptoethylamine 4008
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dimethylamine arylacetylide 1276
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methyl benzoate 3475
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carbamate 814
methylethylenediamine 508
dimethylethylenediamine 2629
trimethylethylenediamine 459
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methyl ethylethylenediamine 494
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methyl hexenedionate 4168
methylimidazoline 2182
methyl isoxazole 1242
methyl mercaptoimidazole 4012
methyl nicotinate 2772
dimethyl phenanthroline 488
methylpropane diamine 2170
dimethylpyridazine hydrazone 3308
methyl pyridine 2747
trimethyl silyl 1267
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phenoxy 3504
phenoxyazodiketonate 3304
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4033
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3486
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bipyridyl 478,1243,3473,3929,4015
pyridylazo phenanthrol 1250
(pyridylmethyl)sulphide 2150
pyridyl pyrazole 2633
pyrimidinone 1232
pyrimidyl 2751
pyrocatechol 1455
pyrrolidine 2182
pyrrolidinethiotrione 3927
quaternary ammonium compound 2740
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quinoline 1261,4004
quinoline carboxylic acid 3035
quinolinolate 1480
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3438,3487,3492,3496,3924
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sulphinyl alkane 458
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toluene sulphonamide 1234
tolyl 4040,4051
tolyl phosphine 2766
tolyl salicylideneaminate 3478
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vinyl oxyquinoline 2415
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aminobenzoic acid 1975
aminoiminoolefin 3807
anil 3114
coumarin 3804
hydroxynaphthalene carboxylate 3806
keto amine 3805
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hexamethylphoramide 71
naphthoquinone 2503
phosphine oxide 70
phthalazine 911
dipivaloylmethanate 911
bipyridine dioxide 1543
quinoline oxide 903
sulphobenzoate 1972
thiadiazole 3803
dithiocarbamate 14
tyrosine 1536

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aminobenzoic acid 1975
aminoiminoolefin 3807
benzoate 3119
cyclopentadienyl 72
EDTA 68,912
ethyl sulphate 65,1978
hydroxynaphthalene carboxylate 3806
keto amine 3805
dimethyl methylphosphonate 70
octane dicarboxylic acid 73
oxalic acid 912
phenol 68
phosphine oxide 70
phthalazine 911
picolinate 3119
dipivaloylmethanate 911
bipyridine dioxide 1543
quinoline oxide 903
sulphobenzoate 1972
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aminobenzoic acid 1975
benzoylacetonate 916
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triethylene tetramine hexaacetic acid 1535
tetraethylene pentamine heptaacetic acid 1535
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galacturonic acid 470
glucuronic acid 470
hydroxymethylenementhone 2502
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keto amine 3805
malonic acid 77
dimethyl methylphosphonate 70
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phenylacetate 910
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phthalazine 911
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dipivaloyomethanate 911
pyrazine carboxylate 1532
succinic acid 77
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aminobenzoic acid 1975
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anil 3114
coumarin 3804
cyclopentadienyl 72,2500
hydroxynaphthalene carboxylate 3806
keto amine 3805
dimethyl methylphosphonate 70
methyl thymol blue 1973
naphthoquinone 2503
octane dicarboxylic acid 73
phenylacetate 910
phosphine oxide 70
phthalazine 911
dipivaloylmethanate 911
pyrazine carboxylate 1532
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sulphobenzoate 1972
thiadiazole 3803
dithiocarbamate 14
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hydroxyquinoline 806
iminodiacetic acid 806
malonic acid 1749
mercaptoquinolate 1684
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dimethylamine 3462
methyl difluorophosphoramide 1318
methyl malonic acid 1749
nitrilotriacetic acid 1751
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schiff base 2822
succinate 1316
tartrate 1316
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thizonate 2935
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3164,4074
alkylaryl 3568
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aminodimethyl dioxopyrimidine 4080
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arylsilyl 576
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butyl 579,584,964,2371,3026,4074
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carbene 993
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chloromethyl 574
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2825,3861
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2724,2826,3571,4074
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germacyclanone 583
germacycloheptadiene 1352
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germin dimethylphenothia 573
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iminoxy 1350
isopropyl phosphoroselenoate 571
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methyl silane 2221
naphthyl 1346,2828
oxaaza compound 4077
phenanthroline 2160
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phenylalanine 580
phenylethoxycarbene 983
phenyl phospholane 4073
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propyl 4074
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pyrimidine 4080
pyrimidinol 4080
pyrocatechol 1355
pyrocatechol violet 2160
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arsonium 1296
aryl 3512
benzimidazole 532
benzonitrile 3511
dibenzyl sulphide 2782
bismuth thiol 11,4049
cyclooctene 1729
decylmethyl sulphide 3940
EDTA 531
heterocycle complex 527
isocyanide 3513
malachite green 529
maleimide 2981
mercaptobenzoxazole 1237
dimercaptothipyrone 2194
methyl 524,1295,2791,3514
dimethylamine 3462
dimethylaniline 497
naphthalene dithiocarboxylic acid 530
phenylporphinate 525
diphenyl sulphide 3511
phosphine 533,2195-96,3511,3513 3514-15,4254
phosphino methanide 3959
phosphite 3510,4254
phosphonium 1296
phosphoranylido methane 4050
phthalocyanine 1890
piperidine 526
porphyrin 525
protein 3030
pyridine 3513
resinate 1887
succinimide 473,2981
sulphinate 477
sulphonate 477
sulphonium ylide 524
sulphoxonium ylide 524
dithiocarbamate 4049
trithiocarbamate 4049
dithiophosphate 4049
dithiopyrylmethane 639
dithioxanthate 4049
tolyl 4051

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acetate 830,1886
cellulose xanthate 3445
sulphonated elastomer 4183
thiophosphinate 1461

GROUP IA
acetal 3641
acetylacetonate 827
acetylene 2810
acylisothionate 831
acyl taurides 4203
adipate 2967-68
alkanoate 3032
dialkanolamine 855
alkoxy 4,6,825,829,1500,1502,1504-5 1701,1942,1951,1953,1955,2471, 3040,3042,3045,3739,3781
alkoxy cephalosporin 3012
alkoxyde 4072
alkylamide 3735
alkyl benzene sulphonate 774

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alkyl monocarbonate 1501
alkylthioalkylamidoalkane sulphonate 1949-50
alkyl xanthate 1503
allyl sulphonate 2398
aminocarboxylate 828
aromatic sulphide 3660
aryl azonaphthol 3046
bromoethane sulphonate 4185
caprolactam 1410,2921
carbamate 2428
carboxylate 368,718,2335,2472,4173
carboxymethyl oxysuccinate 1947
dichlorotoluene sulphonate 4185
cresoxide 1846
dodecylbenzene sulphonate 774
EDTA 828
polyester resin 2394
ethane dimethylphosphite 2941
polyether sulphone 1841
ethoxy 4072
polyethylene glycol 3038
trifluorothiophene sulphonate 2940
glycinate 2365
glycolate 1505
halophenoxybenzoate 2430
heptenyl 10
HMPA 2930
hydrocarbyl sulphonate 782
hexahydropyrimidine diacetic acid 824
dihydroxy diphenyl sulphone 1843
hydroxyethane sulphonate 1506
hydroxyethyl thiophosphite 1926
hydroxyquinolate 1425
hydroxy sulphobenzyl aminoacetic acid 1483
imidyl benzene dicarboxylate 776
isobutenyl ethyl sulphonate 782
isobutyrate 4173
kanamycine 2419
lactam 1410,2921
lactamate 721
lauryl sulphoacetate 2474
maleimide 4240
mercaptopropionate 826
methoxy 2470,3044
methyl 566
methylbenzoate 2967-68
methyl butanoic acid 3032
naphthoquinone oxime sulphonate 07
nitrocycloalkanone 2469
nitroketone 08
oleate 2967-68
olefin sulphonate 2398
organoborane 15
organophosphite 4265
oxalate 1850
polyoxyalkylethylene ethyl sulphate 1943
penicillanate 1472
peroxymaleate 2316
phenolate 2967-68
phenoxy 823,1500,1505,1701,1846 1952,2473
phenoxy-4-thiazole carboxylic acid 1917
piperazinomethacrylate 1443
polymer 1866,1883,3679,4200
polyol borate 1859
pregnadiene carboxylate 3010
pyrrolidone 721
quinoline carboxylic acid 3035
soap 2335
somatostatin 3016
sorbitol borate 4187
stearate 1423
sulphoethyl methacrylate 3742
sulphonate 2472,3654,3660,3716,4227
sulphonated polymer 3679
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thiazolyloxy benzoate 1475
thienophosphate 3728
dithiocarbamate 3067
thiolactam cephalosporin 3036
thiophenoxy 1952
dithiophosphate 4241
thiophosphite 1926

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polyamine 2350
phthalocyanine 1890
sulphinate 477
sulphonate 477
toluene sulphonyl methyl isocyanide 4021

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alkyl monocarbonate 1501
carboxylate 1857,2337
cellulose xanthate 3445
ethane dimethylphosphite 2941
hydrocarbyl sulphonate 4237
polyoxyalkylenated sulphuric acid 4237
resinate 2392
stearate 1857
sulphonated elastomer 4183

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thiophosphinate 1461

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acetate 4204
acetyl ethylidene tetramic acid 1468
acyl taurides 4203
adipate 2967-68
alkoxy 04,825,829,1701,1951,1953 3040,3781,4072
alkyl carboxylate 1701
alkylthioalkylamidoalkane sulphonate 1949-50
aminocarboxylate 828
aromatic sulphide 3660
aryl azonaphthol 3046
bromoethane sulphonate 4185
caprolactam 2921
carbamate 2428
carboxylate 368,2335,2472,4204
dichlorotoluene sulphonate 4185
dodecylbenzene sulphonate 4238
EDTA 828,1540
ethoxy 4072
ethyl 704
ethyl caproate 4204
polyethylene glycol 3038
trifluorothiophene sulphonate 2940
halophenoxybenzoate 2430
hydrocarbyl sulphonate 782,2479
hexahydropyrimidine diacetic acid 824
hydroxyethane sulphonate 1506
hydroxyethyl thiophosphite 1926
hydroxyquinolate 1425
hydroxy sulphobenzyl aminoacetic acid 1483
isobutenyl ethyl sulphonate 782
lactam 2921
maleimide 4240
methoxy 3044
methylbenzoate 2967-68
nitrocycloalkanone 2469
nitroketone 08
oleate 2967-68
organoborane 15
organophosphite 4265
polyoxyalkylethylene alkyl ether sulphate 1943
peroxymaleate 2316
phenolate 2967-68
phenoxy 1701
phenoxy-4-thiazolecarboxylic acid 1917
polyester resin 3676
polymer 1476
polyol borate 1859
pregnadiene carboxylate 3010
quinoline-carboxylic acid 3035
soap 2335
somatostatin 3016
sorbitol borate 4187
stearate 1423,4204
sulphonate 2472,3660,3716
sulphone 3660
thiazolyloxy benzoate 1475
thienophosphate 3728
thiolactam cephalosporin 3036
thiophosphite 1926

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polyamine 2350
toluene sulphonyl methyl isocyanide 4021

GROUP III

acetate 830
butyl malonic acid 1749
cellulose xanthate 3445
ethane dimethyl phosphite 2941
malonic acid 1749
methyl malonic acid 1749

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alkyl monocarbonate 1501

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alkoxy 104
butoxy 104
cellulose xanthate 3445
olefin 2315
phosphine 962,2315
phosphite 2315
pyridazine 4079
silahydrocarbyl 2877

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acetylacetonate 1424

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alkoxy 104
butoxy 104
citric acid 2472
glutaric acid 2472
olefin 2315
oxalic acid 2472
phosphine 2315
phosphite 2315
silahydrocarbyl 2877
tartaric acid 2472

GROUP VA
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GROUP VB
acetylacetonate 1424

GROUP VI
alkoxy 104
arsine 957
butoxy 104
butyl malonic acid 1749
cellulose xanthate 3445
citric acid 2472
cyclopentadienyl 955
fulvene 956
glutamic acid 2472
malonic acid 1749
methyl malonic acid 1749
olefin 2315
oxalic acid 2472
phosphine 957,962,2315
phosphite 2315
silahydrocarbyl 2877
tartaric acid 2472
thioketonate 958

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phenanthroline 965
phosphoaminopyridine 963
bipyridine 965

GROUP VIB
acetylacetonate 1424
polyamine 2350

GROUP VII
citric acid 2472
glutamic acid 2472
oxalic acid 2472
tartaric acid 2472

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acetylacetonate 1424
polyamine 2350

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acetate 272
acetylacetonate 1424
polyamine 2350
arsine 3379
aryldiazo 1130
aryldiimine 1130
cellulose xanthate 3445
citric acid 2472
glutamic acid 2472
olefin 2315
oxalic acid 2472
phosphine 1130,2315
phosphite 2315
phthalocyanine 3697
tartaric acid 2472

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alanine 1998
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acetylacetonate 666,2260
acetylene 3066
acetylethylidene tetramic acid 1468
diacetyl pyridine 40
acrylate 2290
alaninate 3031
alginate 802
alkenyl 3451
alkoxy 78,666,845,869,1387,1803
alkyl 28,39,78,427,1403,4138
alkylimino 3794
alkyl phosphate 2993
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aminomethylcyclohexane carboxylate 1474,4253
aminophosphonate 4228
aminopolycarboxylate 2718
anthraquinone 871
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aryl 3783
aryl azonaphthol 3046
aspartate 3027,4255
azelate 1453
azo dye 2374
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butoxy 2894,2897
butyl 671,696,1827,4138
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caprylglycinate 2423
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cephalosporamic acid salt 799
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cyclohexanediaminotetraacetate 47
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ester soap 2399
ethoxy 666,695,3629,4146
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ferrocene carboxylate 2410
ferrocene sulphonate 2410
trifluorophenyl 1224
trifluorotoluidine 1458
formate 1512
formyl pyridine 40
polygalacturonate 4250
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Grignard, methyl phenyl quinoline 3779
Grignard, methylthiobenzyl 1513
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Grignard, thymol methyl ether 3783
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dihydrocholate 4249
tetrahydrofuran 2478
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dihydroxybenzene sulphonate 3719
hydroxyethane diphosphonate 1912
trihydroxygermyl propionic acid 3022
hydroxy-1-naphthylidene-2',4'-dimethyl aniline 2448
hydroxy quinolate 1425
hydroxy sulphobenzyl aminoacetic acid 1483
iodophenoxy isobutyric acid 1905 4244
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laurate 4190
lauryl ether sulphate 1948
methacrylate 2290
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naphthenate 4190
neodecanoate 2800
nucleoside triphosphate 4017
octylate 4190
oligoester acrylate 3672
oxacyclooctadecane 3741
polyoxyalkylenated sulphuric acid 4237
polyoxyalkylethylene alkyl ether sulphate 1943
palmitoyl collagenate 2423
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phenate 4239
phenoxy 2886,3082
phenyl 2475,4133
phosphine 427
phosphine oxide 1238
phosphoranylido methane 4050
picrate 3083
piperidine carboxylate 725,3656
polyester resin 3676
polymer 1866-67,3672
porphyrin 541
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tetrapyridino porphyrazin 2975
tetrapyridino porphyrazine 1694
pyridylazo phenanthrol 1250
pyrocatechol disulphonate 1958
quaterene 2729
resinate 2392
ricinoleate 2405,4190
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stearate 1872,2328,2800,4190,4249
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thiazolyl benzimidazole 3775
thiophosphate 466
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acetate 160,163,617,730,1094,1100 2313,3207
acetone nicotinoyl hydrazone 1256
acetone picolinoyl hydrazone 2147
acetylacetonate 450,1221,1615,2270 2714,2733,2938,3204,4196
aldehyde 162
alkoxy 474,1240
alkyl 2547,2550
alkylamide 2551
dialkylamino 1856
alkyl ammonium 1236
alkylarylamine 3208
alkyl isocyanide 1001
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diamide ionophore 3083
amidine 450
amidopyrine 2152
amine 172
diamine 1884
aminoacid 3865
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aminocarboxylate 1454,1693
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diazine 3166
triazole 1239
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benzhydroxamic acid 1248,3456
benzidine 3309
benzil 2725
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benzoylacetonate 469
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dibenzoylmethanate 469
benzoyl pyridine 1698
butanediamine 449
butyl 964
butylamine 2322-24
caprylglycinate 2423
carbamate 4259
carbamoyl 1585
carbene 169,3203
carboxylate 729,1697,2030,2984,3449
carboxymethyl hydroxybenzyl asparagic acid 3724
carbyne 2553
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cyclic azo compound 3166
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cymantrene 1005,3206
cymantrene-(a-oxatetramethylene)-methyl 1038
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EDTA 1454,4010
enone 162
ethanolamine 1910
ethyl 964
ethylacetoacetate 1880
diethylaminopropyl diphenyl-acetate 2161
diethyl benzoyl phosphonate 2149
diethylenetriamine 2156
ethylsulphinyl ethane 458
ethylthio 1581
fluorenyl 158
formate 3441
formyl hydrazine 1255,2162,4002
polygalacturonate 4250
glutamic acid 1685
glycine 3200
biguanide 1003
heterocyclic amine 2938
hexyl 964
hydrazone 999
hydroquinoline 4261
hydroquinone 1454-55
hydroxamic acid 4015
hydroxybenzophenone 2343
hydroxyethyl thiophosphite 1926
ketoanil 463
diketonate 50,2722,3204
ketone 162
macrocyclic complex 159,167,1700
malonate 1010
manganacyclohexane 3868
trimellitate 3688
mercaptobenzothiazole 2943
mercaptobenzthiazole 1101
mercaptohistamine 2148
mercaptoquinoline 1695
mercaptosuccinic acid 1226
methyl 2542-43
trimethylamine 1583
dimethylaniline 1880
methylcyclopentadienyl 169,1009,1581
methylimidazole 164
(methylpyridyl) porphine 1582
methyl dipyrromethanate 3199
trimethylsilyl 1587
methylsulphinyl propane 458
naphthenate 1615,2151
naphthyl 2544
nitrobenzohydroxamate 3776
nucleoside triphosphate 4017
octadecenylamine 3302
octoate 1615,4009
oleate 1615
oleylamine 3302
organophosphite 4265
oxazoline 2717
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phenanthroline 2028,2032,3198,3201
phenazine oxide 2720
phenyl 2547
phenyl cycloheptatriene 168
phenyl porphinate 2029,3205
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phosphasilabutane 3866
phosphinate 3460
phosphine 166,170,172,1004-5,1007 1011,1013,1015,1584,2031-32,2552, 2561,3196
phosphine oxide 3209
phosphite 166,170,1005,1013,1584 2032
phosphoramide 1011
phosphorane ylide 2725
phthalocyanine 4217
picolinic hydrazide 2027
picolinoylhydrazone 999
picrate 3083
piperidine carboxylate 725,3656 4182
polymer 4196
polyol borate 1859
porphinate 3205
porphyrin 164,316,2733
propargyl (meth)acrylate 1231
propionamide 1233
purpurate 3239
pyrazole oxide 2721
pyridine 1260
bipyridine 2032
pyridine (aldiminomethyl)ethane 1625
tetrapyridino porphyrazine 1694
bipyridyl 3198,4015
pyridylazo phenanthrol 1246,1250
pyrocatechol 1455
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salicyl hydroxamate 2803
salicylidene aminoacid 3865
schiff base 711,1002,1258,1628,2033
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stearate 1586,1615,3449
sulphinyl alkane 458
tartrate 729
thenoylacetonate 469
thenoylacetylfuranate 469
theophylline 2152
dithioarsenate 4000
dithiocarbamate 820,1923,4261
thiocarbazide 3458
dithiocarboxylate 171
thiophene carboxylic acid 1254
thiophosphite 1926
thiosemicarbazide 4020
toluenediamine 1455,1884
vinyl oxyquinoline 2415

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acetate 561,1308,1314,1743
alkyl 2811
alkyl ammonium 1236
alkyl diazoacetate 2820
alkyl peroxide 2818
allene 2209
allyl 1204
aminobenzthiazole 3444
aminobutyric acid 1299
aminodithiocarboxylate 3951
aminosalicylic acid 2156
ammonium salt quaternary 552
anthracyclinglucoside 2416
arsine 4063
aryl 556,1315,1666,1741
arylalkyl 4065
arylamine 2815
aza macrocyclic ligand 521
azetidinylthiol 2211
aziridine 3537
benzoic acid 560
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benzylmethyl 2799
butyl 557,1737,2817
butylsilyl 1312
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cyanoethylene dithiolate 4063
cyclohexene 2209
cyclohexyl 557,1737,4060
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cyclopentadienyl 1204,3453
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EDTA 552
ether 2213
ethyl 556-7,1735,2819,3703,4231
ethylenediamine 2212
diethylene glycol dimethyl ether
1311
ethylene selenourea 1297
ethylenethiourea 2197
diethylenetriamine 2156
ethynyl 3534
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trifluorophenyl 1224
hydroxyquinoline 816
hydroxy propyl 1743
isopropyl 2917
diisopropyl aminoethanethiol 4016
mercaptobenzoxazole 1237
mercaptohistamine 2148
dimercaptopropanol 4062
mercaptoquinoline 1695
methane sulphonate 4047
methionate 1733
methoxyphenyl 551
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methylenebis-thioacetic acid 539
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trimethylsilyl 2406,2812
dimethyl thioacetamide 3455
dimethyl thioformamide 3516
naphthyl 556
nicotinic hydrazide 2199
nitrosoaniline 1740
norbornene 1327,1738
octoate 2362
pentadiynyl 744
phenanthroline 2813
phenyl 551,556,1310,1741,1755,1876
2814,3532,3594
phenyl acetylide 3533
phenyl allyl 3533
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phosphine 420,572,3453
phosphine sulphide 1734
phosphonium methylide 558
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pyrazole 4052
pyridine 2213
tetrapyridino-porphyrazine 1694
pyridylazo phenanthrol 1246
pyrrolidine thione 2200
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silyl 1312
soap 2362
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spiroxazone 3530
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thiobenzamide 452
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ethylsulphinylethane 458
formylhydrazine 4002
hydroxyquinoline 457
imidazole 454
methylsulphinylpropane 458
phosphine 2730
phosphinothioformate 2730
porphyrin 3436
salicylic acid 4001
sulphinyl alkane 458
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acetate 134
acetonitrile 987
acetylacetonate 99,2155,2270,2282 2343,2892,3180,3851-52
acetylene 2018
alkenyl ketone 3856
alkoxy 474,1240,2020,3183
dialkylaminobenzyl 4139
dialkylaminomethylphenyl 4139
allyl 994,1577,2020,3188
amide 2020
amine 2616,3834
diamine triacetate 3179
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ammonium, alkyl 138
arene diazonium 965
arsine 957,959,985,2022,2153,2525 2562,3185,3853
aryl diazonium 1576
aryl formamidine 2015
aspartate 991
azomethine 767
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bismuthine 1568,3175
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carbene 993,2020,3190
carboxylate 2020,3851
carbyne 2553
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cyclopentadienyl 135-6,143,147,149 597,955,983,1435,1577,2017,2020, 2025,3158-86,3850,3854-55
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diene 987,3178
EDTA 3292
ethyl cysteinate 3852
ethylenediamine 2616
ethyl thiocarbamate 990
ethyne 2017
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fulvalene 3182
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HMPA 133,140
hydrazide 2020
hydrazine 2020
hydroxycarboxylic acid 139
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indenyl 3856
isonicotinic hydrazide 2016
isonitrile 3176
diketonate 994,3851
ketoximate 992
lauryl gallate 2992
maleic acid 139
mercaptoquinoline 1579,1695
mesitylene 107
methyl 2543,3573
dimethyl bipyridine 3187
methyl cyclopentadienyl 959,1009
tetramethylenebicyclooctene 1039
tetramethyl ethylenediamine 2536
hexamethyl phosphoramide 133,140
dimethylsulphonium 3849
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norbornadiene 959
organogermyl 3164
organosilyl 3164
oxalate 3177
phenanthroline 965
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triphenyl borothiin 1566
phenylethylthioacetamide 3854
phosphazane 3950
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3175,3189,3853,3860
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phosphite 3172,3950
phosphoaminopyridine 963
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phthalocyanine 759,762,2979
phthalodinitrile 960
polymer 1435,1864,1994
polysiloxane 1994
polystyrene 3837
propanoneoxime 135
pyridine 151,2022
bipyridine 965,3187
tetrapyridino porphyrazine 1694
bipyridyl 3187
quaternary ammonium 2023
resinate 3275
saccharic acid 139
salicylaldehyde 3852
schiff base 988
semiquinalate 3440
semiquinone 3999
serine 3177
silahydrocarbyl 2877
silyl 3175,3183
stibine 2022,3175
sulphone 3838
tartaric acid 139
THF 136
thioacid 2020
dithioarsenate 4000
thiocarbamate 1051
dithiocarbamate 2020,3852
thioether 145
thioketonate 958
thiol 3181
dithiolate 146
dithiopyrylmethane 639
thiourea 3835
thiourethane 3835
vinyl 3172

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acetoacetate 3118
acetylacetonate 69,907
acrylamidoglycollic acid 66
alkoxy 3120
amine 2501
aminobenzoic acid 1975
diaminocyclohexane tetraacetic acid 908
aminoimino olefin 3807
anil 3114
diantipyrylmethane 3117
azo dye 2501
benzoate 3119
coumarin 3804
cyclohexane-1,2-diaminotetra-acetate 2499
EDTA 68,908,912,1540
triethyl phosphate 904
ethyl sulphate 1978
formylcyclohexanone 2502
gluconate 3121
glutamic acid 1685
glycollic acid 2499
hexyl phosphate 2295
dihydroxy benzene sulphonic acid 906

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hydroxymethylenementhone 2502
hydroxynaphthalene carboxylate 3806
hydroxyquinoline 2501
keto amine 3805
lactic acid 2499
maleic acid 2499
methyl malonic acid 3122
dimethyl methylphosphonate 70
hexamethylphoramide 71
methyl thymol blue 1973
naphthalene disulphonic acid 906
naphthoquinone 2503
nitrilotriacetic acid 906
nitroazobenzene 905
octane dicarboxylic acid 73
oxalic acid 912
oxyethyliminodiacetic acid 1539
phenol 68
phenylacetate 910
phosphine oxide 70
phthalazine 911
picolinate 3119
dipivaloylmethanate 911
pyrazine carboxylate 1532
pyrocatechol 906
pyrogallol red 2501
quinoline 2501
quinoline oxide 903
schiff base 2159
stearate 2295,4164
sulphosalicylic acid 1977
thiadiazole 3803
dithiocarbamate 14
dithiophosphinate 3116

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formate 3126

NICKEL
acetate 739,1100,1908,4176
acetatopentaamine 1068
acetoacetanilide 3304
acetone 1632
acetone nicotinoyl hydrazone 1256
acetone picolinoyl hydrazone 2147
acetylacetonate 295,299,306,308,450 1106,1126,1397-98,1424,1522,1604, 2048,2155,2268,2651,2703,2714,2733 2905,2911,2938,3304-5,3639,3643, 3657-58,3684,3931,4196
acrylonitrile 2632
adenosine 1243
alanine 300,2085-6
aldehyde 1634
polyaldehydocarboxylate 2157
alkanoate 1437
alkoxy 306,3938
alkyl 2650
alkyl ester 2873
dialkylethylenediamine 3313
trialkyl pyrazole 2081
alkylpyridine 3684
alkyne 320,355
allyl 1122,1635,2252,2254,3327,3638 3930
allyl bromide 2632
allyloxyaminopropylidene dioxane dionate 1924-25
amidine 450
amidopyrine 2152
amine 278,1400
polyamine 2350
amine phenyl dinitromethane 1235
amino acid 1908
aminoalkoxy 2727
aminoaniline 2083
diaminobenzimidazolone 3704
aminocaprolactam 3329
aminocarboxylic acid 1127,1693
triaminocyclohexane 3932
aminocyclopentene carbodithioate 3360
aminoketophosphonate 315
(aminomethyl)ethane triacetate 4006
aminomethylene 3474
aminomethylpyridine 278
aminophenol 3307
aminopiperidine 4180
aminopyrazine 1252
aminopyrimidine 1252
aminosulphonic acid 1693
aminotriethylamine 2643
ammonium, quaternary salt 304
anil 1112
anthracene 289
anthracyclinglucoside 2416
arsine 285,367,1151,2087,2153,3312 3320,3326,3459
arsine oxide 295
arsonium salt 304
aryl 3361,3938
arylazobenzoyl thioacetamide 2089
arylthieno hydroxamic acid 1241
ascorbic acid 720
asparagine 309
aspartic acid diamide 309
azabicyclooctane sebacate 4181
diazabicyclooctonium ion 2645
tetraazacyclododecane 3442
triazacyclononylethane 468
aza macrocycle 1121,3933

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azelaic acid 4003
azetidine carboxylic acid 312
azo 3936
azoalkane 372
azobenzene 3443
azo dye 769,2367,4219
triazole 1239
azomethine dye 767,770-71,1634,1893 2389,3705,3707
benzal-o-aminoaniline p-toluene sulphonate 2083
benzenethiol 2663
benzhydroxamic acid 1248,3456
benzidine 3309
benzil 1113
benzimidazole 3269
benzimidazolyl ethane 1251
benzoate 887,1908
benzoylacetonate 469,3925
benzoylacetylfuranate 469
benzoylalanine 279
benzoylbenzoate 2937
benzoyl dialkyl thiourea 3452
dibenzoylmethanate 469,3925
benzoyl pyridine 1631
benzoyl pyridine 1698
benzoyl selenourea 3452
benzyl 3315,3326
benzyldithiocarbazate 3924
bismuthine 285
biuret 1161
butanediamine 449
butylimidazole 2726
butylisocyanide 372,3319
butyl orthophosphate 2257
carbamate 4259
carbollyl 2095
carboxyethyl cysteine 288
carboxylate 306,703,3661
carboxymethyl hydroxybenzyl asparagic acid 3724
carboxymethyl (pyridyl) alanine 313
chlorophenyl 298
chloropropionate 307,2097
citrate 4264
corrine 2655
crotyl 1392,2296-97,3327
dicyanoethylene dithiolate 1155
cyano-2-oxopropane phosphonate 1630
cyanopyridine 1252
tricycloheptane 2091
cyclooctadiene 1634,3321,3323-24
cyclopentadienone 2099
cyclopentadienyl 1110,1247,1404,1457 1650,2635,2724,3328
cyclopentene 2094
dehydrodithizone 3928
DMSO 1632
EDTA 1104,4010
ethanethiol 2663
ethanolamine 1262,3325
ethene 3318
ethoxy 2714
ethoxy carbonylmethane phosphonate 1630
ethyl 895,2724,3326
ethyl acetoacetate 3304
diethylaminopropyl diphenylacetate 2161
diethyl benzoyl phosphonate 2149
ethylenediamine 281,1068,1123,1128 2632
ethylenediamine diacetic acid 300
ethylenediamine tetramethyl phosphonate 1128
ethylenedinitrilo cresol 412
ethyl ethylenediamine 299,308
ethylmethyl ketone 1632
diethyl methyl pyrazole 2082
ethylmethyl sulphoxide 1632
ethyl nicotinate 1252
diethyl phosphorodithioate 280
diethyl thiomalonate 1120
ethyl xanthate 280
formate 3441
formyl hydrazine 1255,2162,4002
polygalacturonate 4250
glutamic acid 1685
glutamic acid diamide 309
glutamine 309
glutaric acid 4003
glycine 1128,2085,2404,2806
glycine bis(methylphosphonic acid) 1228
glycine iminodiacetic acid 1127
glycylglycylglycine 1107
(glyoxaldiamino)methylethane 1129
glyoxal-imine 1113
guanylpyrazole 1686
heterocyclic amine 2938
hexanimine 2648
histidine 2085,3317
dihydrazide 1125
dihydrazinobipyridyl 286
hydrazinophthalazine 1109
hydrazone 292,3308
hydroquinoline 4261
hydroxamic acid 4015
hydroxy benzoate 1422,3655
hydroxybenzophenone 2343,3299

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hydroxybenzylideneiminobenzene sulphonic acid 4019
dihydroxy diphenyl sulphone 1253
hydroxyethyl thiophosphite 1926
hydroxynaphthoic acid 1099
hydroxy-1-naphthylidene-2',4'-dimethyl aniline 3448
hydroxyquinoline 457,816
imidazole 454,2719
iminoacyl 3437
iminoalkoxy 2630
iminodiacetic acid 2085
imino-isoindolinone 314,3706
inosine 1243
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pyrazine carboxylate 1532
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ethylamine 918
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diethylene triamine pentaacetic
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mercaptoethanol 919
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ethylhexyl phosphorate 3826
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diethyl succinate 2830
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phthalimide 3037
phthalocyanine 2979
picoline oxide 2836,3552
piperidine carboxylate 725,3656,4182
pivalate 4192
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alkylalkenylaryl 2352
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alkyl ester 2873
amine 929
aminedithiolate 2511
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antibiotic complex 804
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aryl 1993
ascorbic acid 720
benzene 1402,1990
dibenzoylmethanyl 1992
benzoyl pyridine 1698
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ethylhexoxy 1430
ethylhexyl phosphorate 3826
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hydroxybenzophenone 2343
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2875,2952,3668,4135,4138,4146,4194
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isostearoyl 2395
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arene diazonium 965
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glutamate 991
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haloalkylaryl amine 1458
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catechol 3813
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thiophene carboxylic acid 1254
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alkylcyclopentadienyl 94
allyl 3831
amine 1230
antibiotic complex 804
aryl arsonic acid 1556
ascorbic acid 720,947,2202
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benzoylacetonate 92
benzoyl pyridine 1698
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butoxy 93,1559,1561,3144,3154,3157
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catechol 3813
chloroacetic acid 3155
citric acid 2472
cyclohexyl 2002
cyclohexyloxy 2002
cyclopentadienyl 91,94,943,949, 1689,2001,2003,2518-19,3830
cyclopentadienyl-N,N-dimethyl-o-toluidyl 1689
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ethylacetoacetate 1880
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trifluorotoluidine 1458
polygalacturonate 4250
glutaric acid 2472
haloalkylaryl amine 1458
dehydroascorbic acid 947
hydroxyquinazoline-4(3H)thiones 2516
imidazole 3152
isonicotinyl phenyl thiosemicarbazide 2158
itaconate 3813
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lauryl gallate 2992
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methyl 93
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naphthenate 99
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dinitrosalicylate 3813
oxalic acid 2472
PAR 948
phenanthroline 2005
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phenyl benzamidine 98
phenyl triphosphaheptane 3830
phenylsiloxy 3153
phosphine 91,944,2155,3150,3831
phosphite 2732
phthalate 3813
phthalocyanine 762,2384,2979,3697
4217
dipivaloylmethanate 92
polymer 1864,1994
polysiloxane 1994
porphyrin 4011
propoxy 93,1559,1562
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2975
bipyridyl 945,2005
pyridylazophenanthrol 1246
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schiff base 86,460,1560,2520,3832
semiquinalate 3440
semiquinone 3999
silahydrocarbyl 2877
siloxane 2521
silyl 1562-63,2877
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succinate 3813
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tartaric acid 2472
dithioarsenate 4000
dithiocarbamate 2001,2003
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triethylene tetramine hexaacetic
acid 1535
tetraethylene pentamine heptaacetic
acid 1535
hydroxynaphthalene carboxylate 3806
keto amine 3805
dimethyl methylphosphonate 70
hexamethylphoramide 71
octane eidcarboxylic acid 73
phosphine oxide 70
phthalazine 911
dipicolinate 1974
dipivaoylmethanate 911
sulphobenzoate 1972
dithiocarbamate 14

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cyclopentadienyl 72
EDTA 2718
formylcyclohexanone 2502
hydroxymethylenementhone 2502
dimethyl methylphosphonate 70
methyl thymol blue 1973
oximidobenzotetronic acid 3115
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sulphobenzoate 1972

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acetate 2360,3524,3666
acetoacetate 3457
acetone nicotinoyl hydrazone 1256
acetyl 1301
acetylacetate 3684
acetylacetonate 450,717,1615,2938
2971,3476
acetyl ethylidene tetramic acid
1468
acrylate 2290
acyl dihydrazone 2205
adamantanamine 2796
adenosine 1243
alanine 2806
polyaldehydocarboxylate 2157
alkanoate 1437

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alkyl phenoxy 1862
alkylpyridine 3684
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Amberlyst 15 3520
amidine 450
amidopyrine 2152
amine 4053
polyamine 2350
amine phenyl dinitromethane 1235
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aminoketophosphonate 315
aminomethyl ethane triacetate 4006
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anthracyclinglucoside 2416
arsenazo III 41
arsonic acid, aryl 165
aryl thienohydroxamic acid 1241
ascorbic acid 720,2202
triazacyclononylethane 468
azabicyclooctane sebacate 4181
azobenzene 3443
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azomethine dye 3705,3707
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glutamic acid 1685
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glycine bis(methylphosphonic acid) 1228
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hydroxyethyl thiophosphite 1926
hydroxy-1-naphthylidene-2',4'-dimethyl aniline 2448
hydroxyphenylbenzoxazole 540
hydroxypropionic acid 1746
hydroxyquinoline 457,816,1425
imidazole 4012
imine 4059
iminoisoindolinone 314
inosine 1243
iodophenoxy isobutyric acid 1905 4244
isonicotinic hydrazide 1229

ZINC (cont'd)
isononanoate 1878
isononoate 2341
isopropoxy 708
diisopropyl aminoethanethio 4016
diketonate 2722
laurate 1420,1852
leucyl glycine 2805
linoleate 2971
macrocyclic complex 1700
trimellitate 3662,3688
mercaptan 3522
mercaptoaldimine 1690
mercaptobenzothiazole 732,2943
mercaptobenzoxazole 1237
mercaptodiketone 451
mercaptoethylamine 4008
mercaptohistamine 2148
mercaptopropyl 3521
mercaptoquinolate 1684
mercaptoquinoline 1695
mercaptosuccinic acid 1226
dimercaptotriazole 4018
mercaptotriazolyl propane 1257
methacrylate 2290
methane sulphonate 4047
methionate 811-12,2793,3023
methoxybutyl 3521
methyl 2792,2797
methyl-4-(aminoacetyl)phenoxy-acetate 1909
dimethylbutyraldoxime-N-methyl-carbamate 814
methylenebis-thioacetic acid 539
hexamethylenetetramine 4058
methyl iminodiacetate 2794
methyl isoxazole 1242
methyl mercaptoimidazole 4012
dimethyloxadiazole 1696
trimethylpiperidyl octyl succinate 725
methylpyrazole 310
methylpyridine oxide 535
trimethylsilylethyleneimine 4059
methylsulphinylpropane 458
dimethyl thioacetamide 3455
dimethyl thioformamide 3516
methyl violurate 464
morpholine 3303
naphthenate 1615,1878
naphthoquinone oxime 3518
neodecanoate 2800
nicotinic hydrazide 2199
nitrilotrimethyl phosphonic acid 1228
nitroazobenzene 3443
nitroso cyclohexyl hydroxylamine 4258
norluecine 2806
nucleoside 1243
nucleoside triphosphate 4017
octadecene maleic anhydride 4188
octadecenyl succinic anhydride 4189
octadecyl succinic anhydride 2942
octoate 731,1615,2359,2362,3651, 3683
oleate 731,1420,1615,1852
organophosphite 4265
oxabicycloheptane 542
oxaloacetate 4053
oxazole 540
oxazoline 2717
oxine sulphonic acid 538
oxybis(ethylenethio)diacetic acid 1244
oxypyridine thionate 2798
palmitoyl collagenate 2423
PAN 2639
peptide 503
peroxymaleate 2316
phenanthroline 1235,1306,2806
phenazine oxide 2720
phenolate 737
phenol sulphonic acid 537
phenoxy 1225,1701
phenyl 3571,4055
diphenylamidine 4056
phenyl sulphonyl amidophosphorate 1745
phosphinate 3460,4191
phosphine 427,572,2807,3453
phosphine oxide 1238
phosphite 2635
phosphorane 1249
phosphoranylide methane 4050
phosphoric ester 2206
phthalocyanine 1445,2978
piperidine carboxylate 725,3656 4182
polyol borate 1859
porphyrin 316,541-42,2198,3517,3519 4011
propionate 1437
propynyl 1514
prostaglandin 3014
purpurate 3257,3500
pyrazole 310,4052
pyridinate 1102
pyridine 542,1301,3684
bipyridine 1235
tetrapyridino-porphyrazine 1694
pyrido-heptaazapentadecin 1747

ZINC (cont'd)
bipyridyl 1243,1298,4015
pyridylazo phenanthrol 1246,1250
pyridyl ethylene 2641
pyrrolidine thione 2200
quaternary ammonium 3450
quinoline 2204
quinoline carboxylic acid 3035
quinolinolate 1480
resinate 2392,3685
riboflavine 2404
ricinoleate 2405
salicyl hydroxamate 2803
schiff base 1300,2159,3438,3924
soap 1417,2328,2362,2399,3093
somatostatin 3016
sorbitol borate 4187
stearate 731,733,738,1415,1420,1485
1615,1852,1859,2328,2342,2800,2801
2944,3664,3687,4175,4187
stearoyl lysinate 2936
sulphadiazine 4256
sulphinyl alkane 458
sulphoamidoquinoline 2716
sulphonated azo dye 768
sulphonated elastomer 4183
tartrate 729
tetrahydrothiophene 542
thenoylacetonate 469
thenoylacetylfuranate 469
theophylline 2152
THF 136
thiazolidin-4-carboxylic acid 3034
thiobenzamide 452
dithiocarbamate 197,754,820,1223
1305,1699,1923,2291,2754,3034,3698
3731,4207,4221,4261
thiocarbazide 3458
dithiocarbonate 1298
thio-orotic acid 1245
thiophene carboxylic acid 1254
thiophosphate 466
dithiophosphate 2291,3523
thiophosphite 1926
dithiophosphonate 1748
thiosemicarbazide 4020
thiourea 2197,2802
threonine 2203
toluene sulphonamide 1234
versatic acid 911
vinyl 1301
vinyl imidazole 2923
xanthate 3439
xanthine dye 1306

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acetate 1874
acetoacetate 2391
acetylacetonate 2391,2988,3683
acyl 3101
alaninate 3031
alanine 1998
alkenyl 927,939
alkoxy 2987-88,3144,3667,3828
alkyl 2485
dialkylaminobenzyl 4139
dialkylaminomethylphenyl 4139
alkyl ester 2873
aminocarboxylic acid 1998
ammonium, quaternary 90
anthranilic acid 1998
antibiotic complex 804
benzene phosphonate 772
benzyl 678,1806,4147
butoxy 2523,2894,2897,3629,3828
caprylate 2359
carboxylate 3667
carboxylic acid 940
carboxyphenyl hydrazine 1554
chloropropoxy 2306
cyclopentadienyl 91,927,939,941,1996
2485,2825,2955,3101,3148
ethoxy 3828
ethoxyethenyl 939
ethylhexoate 1878
ethylhexyl phosphorate 3826
glutamic acid 1685
glycinate 3031
heptenyl 939
hexenyl 939
dihydroxyazo 1999
isononanoate 1878
isopropoxy 868
methoxy 3828
dimethylamino 1995
naphthenate 1878
neophyl 672
nicotinic acid 1998
octenyl 939
octoate 1405,2318-19
oxime 2391
phenyl 2825
phosphine 91,3175
phosphorane 1996
polymer 1864,2955
polyol borate 1859
propionic acid 1553
propoxy 1405,3828
pyrocatechol violet 90

ZIRCONIUM (cont'd)
silahydrocarbyl 2877
sorbitol borate 4187
stannaheterocycle 2825
tetrahydropyranyloxybutenyl 939
thioglyverol 1982
zirconocene 1555,1864,1997